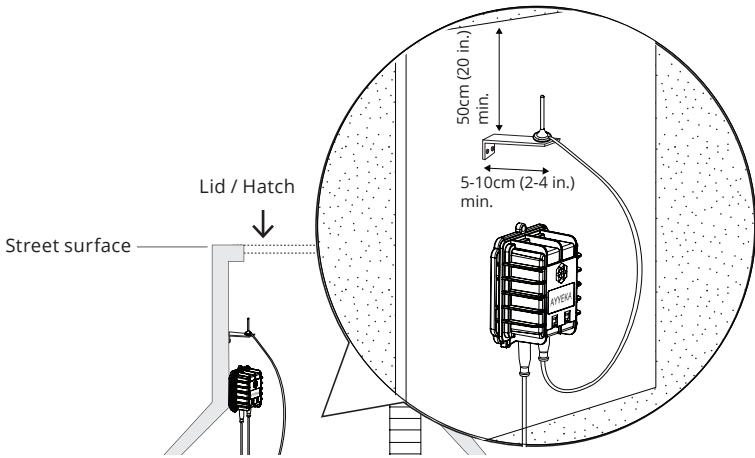


# UNDERGROUND ANTENNA MOUNTING GUIDELINES



## DOs

- ✓ Ensure the antenna connector is secured tightly to the panel connector.
- ✓ Mount antenna at least 50cm (20in.) beneath the lid and street surface.
- ✓ Mount antenna at least 5 to 10cm (2 to 4 in.) away from wall.
- ✓ Mount antenna at least 5cm (2 in.) away from the Wavelet.
- ✓ Make sure you have signal and successful data transmission by using the AyyekaGo mobile app after closing the lid, hatch, or door before leaving the site.
- ✓ If needed during installation use the Transmit Now command in the AyyekaGo app or the magnetic Wavelet Activator to initiate more rapid transmissions.

## DONTs

- ✗ Do not attach the antenna to the Wavelet.
- ✗ Do not wrap cables, zip ties, or other items around the antenna.

**IMPORTANT NOTE:** There is a few-minutes delay between a successful transmission and the use of either the Transmit Now command or Wavelet Activator for initiating data transmission. Repeating either method will not expedite data transmission.

**⚠ WARNING:** If installing in a highly corrosive environment such as a sewer, apply technical grease to the antenna and sensor field attachable connectors after securing them to the panel connectors. Ayyeka recommends using Dow Corning Molykote 55 O-Ring Grease, though similar products can also be effective.

# TROUBLESHOOTING

1. If the Wavelet does not transmit, try moving the antenna to a different position.
2. If the Wavelet still does not transmit after multiple attempts at repositioning the antenna, consider using an alternative solution, including an in-road antenna.

Note: Ayyeka supplies antenna wall mounting hardware and various antennas, including in-road antennas — contact support for details.

# USING YOUR OWN ANTENNA

If you intend to use your own antenna, please verify the antenna uses an SMA male connector. Your antenna ideally supports all of the following frequencies (make note of the Model Number suffix of your Wavelet device – e.g. -US):


## Wavelet Model No. Suffix, e.g WA1111-US (See back label)

Technology	-US, -SA	-EU
2G	850, 900, 1800, 1900 MHz	900, 1800 MHz
3G	850, 1700, 1900 MHz	900, 1800, 2100 MHz
4G (LTE)	700, 850, 1700, 1900 MHz	800, 900, 1800, 2100, 2600 MHz

# SUPPORT?

 [support@ayyeka.com](mailto:support@ayyeka.com)

 +1 (310) 876-8040 (US)

 +31 40 209-1001 (EMEA)

 +972 (2) 624-3732 (IL)

 For additional resources: [help.ayyeka.com](http://help.ayyeka.com)